

PCB Manufacturing Capabilities

We source our PCB's from a range of approved fabricators both in the UK and offshore. This enables us to provide boards from 24hrs from UK suppliers, to volume batches from partners in the Far East.

Data formats accepted

- All Gerber
- ODB++
- HPGL
- DXF

Laminates

- FR4
- Paper Phenolic
- CEM
- Polyamide
- PTFE
- Rogers
- Duroid
- Metal core

Copper weights from 9µm to >2oz

PCB Types

- Single sided
- Double sided - Conventional
- Plated Through Hole
- Multilayer
- Flexible
- Flexirigid

Technologies

- Buried vias
- Blind vias
- Copper filled Vias
- Resin filled Vias
- Impedance control
- High aspect ratio plating

Maximum layer count

- 32 Layers

Profile

- Routed
- 'V' Scored
- Punched

Solder Resists (various colours)

- Photoimageable
- Two pack
- U.V.
- Dry Film (via tenting)
- Peelable

Component reference / Ident (Various colours)

- Photoimageable
- UV
- Two Pack

Surface Finishes

- Pb free Hot air solder level (HASL)
- Pb Hot air solder level (HASL)
- Electroless Nickel/ Gold (ENIG)
- Hard gold (Edge connectors)
- Pure gold (Wire bonding)
- Immersion Silver
- Immersion Tin
- Organic
- Carbon Ink

Tolerances

Maximum and minimum

| | |
|---------------|-------------|
| Track and gap | Min 0.075mm |
| Hole size | Min 0.050mm |
| PCB size | Max 600mm |
| PCB thickness | Max 5.5mm |

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Four decades of electronics engineering excellence

All assemblies, cables and harnesses and are manufactured under our ISO 9001 approvals

